

IN THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of the claims in the application:

1. (Currently amended) A method for supplanting a Motif dialog box, comprising:

interposing a functionality between a graphical interface of an application and an Xt Library layered on top an X-Window system;

intercepting an original function call from the graphical interface for a display of a Motif dialog box from the X-Window system;

determining whether the Motif dialog box is to be supplanted; and

supplanting the Motif dialog box;

wherein supplanting the Motif dialog box includes:

modifying at least one parameter in the intercepted function call;

re-calling the display of the Motif dialog box with the modified parameter;

and

displaying a modified Motif dialog box.

2. (Original) The method of Claim 1, wherein intercepting the function call includes calling the interposed function corresponding to an original function.

3. (Original) The method of Claim 2, further comprising redirecting an operating system from the original function to the interposed function.

4. (Original) The method of Claim 1, wherein determining whether the Motif dialog box is to be supplanted includes:

calling a naming function to identify the Motif dialog box in the intercepted call;  
and

comparing the name returned by the naming function against a plurality of Motif dialog box names that are to be supplanted.

5. (Cancelled)

6. (Original) The method of Claim 1, wherein supplanting the Motif dialog box includes:

calling a callback function; or  
suppressing the Motif dialog box.

7. (Cancelled)

8. (Currently amended) The method of Claim 6 ~~7~~, wherein determining whether the Motif dialog box is to be supplanted includes:

calling a naming function to identify the Motif dialog box in the intercepted call;  
and

comparing the name returned by the naming function against a plurality of Motif dialog box names that are to be supplanted.

9. (Currently amended) A program storage medium encoded with instruction that, when executed by a computer, perform a method for supplanting a Motif dialog box, the encoded method comprising:

interposing a functionality between a graphical interface of an application and an Xt Library layered on top an X-Window system;

intercepting an original function call from the graphical interface for a display of a Motif dialog box from the X-Window system;

determining whether the Motif dialog box is to be supplanted; and

supplanting the Motif dialog box;

wherein supplanting the Motif dialog box includes:

modifying at least one parameter in the intercepted function call;

re-calling the display of the Motif dialog box with the modified parameter;

and


displaying a modified Motif dialog box.

10. (Original) The program storage medium of Claim 9, wherein intercepting the function call in the encoded method includes calling the interposed function corresponding to an original function.

11. (Original) The program storage medium of Claim 10, wherein the encoded method further comprises redirecting an operating system from the original function to the interposed function.

12. (Original) The program storage medium of Claim 9, wherein determining whether the Motif dialog box is to be supplanted in the encoded method includes:  
calling a naming function to identify the Motif dialog box in the intercepted call;  
and  
comparing the name returned by the naming function against a plurality of Motif dialog box names that are to be supplanted.

13. (Cancelled)

 14. (Original) The program storage medium of Claim 9, wherein supplanting the Motif dialog box in the encoded method includes:  
calling a callback function; or  
suppressing the Motif dialog box.

15. (Cancelled)

16. (Currently amended) The program storage medium of Claim ~~45~~ 14, wherein determining whether the Motif dialog box is to be supplanted in the encoded method includes:  
calling a naming function to identify the Motif dialog box in the intercepted call;  
and  
comparing the name returned by the naming function against a plurality of Motif dialog box names that are to be supplanted.

17. (Currently amended) A computing device programmed to perform a method for supplanting a Motif dialog box, the programmed method comprising:

interposing a functionality between a graphical interface of an application and an Xt Library layered on top an X-Window system;

intercepting an original function call from the graphical interface for a display of a Motif dialog box from the X-Window system;

determining whether the Motif dialog box is to be supplanted; and

supplanting the Motif dialog box;

wherein supplanting the Motif dialog box includes:

modifying at least one parameter in the intercepted function call;

re-calling the display of the Motif dialog box with the modified parameter;

and

displaying a modified Motif dialog box.

18. (Original) The programmed computing device of Claim 17, wherein intercepting the function call in the programmed method includes calling the interposed function corresponding to an original function.


19. (Original) The programmed computing device of Claim 18, wherein the programmed method further comprises redirecting an operating system from the original function to the interposed function.

20. (Original) The programmed computing device of Claim 17, wherein determining whether the Motif dialog box is to be supplanted in the programmed method includes:

calling a naming function to identify the Motif dialog box in the intercepted call;  
and

comparing the name returned by the naming function against a plurality of Motif dialog box names that are to be supplanted.

21. (Cancelled)

 22. (Original) The programmed computing device of Claim 17, wherein supplanting the Motif dialog box in the programmed method includes:

calling a callback function; and  
suppressing the Motif dialog box.

23. (Original) The programmed computing device of Claim 22, wherein determining whether the Motif dialog box is to be supplanted in the programmed method includes:

calling a naming function to identify the Motif dialog box in the intercepted call;  
and

comparing the name returned by the naming function against a plurality of Motif dialog box names that are to be supplanted.

24. (Cancelled)

25. (Currently amended) The programmed computing device of Claim ~~24~~ 23, wherein intercepting the function call in the programmed method includes calling an interposed function corresponding to an original function.

26. (Currently amended) The programmed computing device of Claim 24 23, wherein the programmed method further comprises redirecting an operating system from the original function to the interposed function.

27. (Currently amended) An apparatus for performing a method for supplanting a Motif dialog box, the apparatus comprising;

means for interposing a functionality between a graphical interface of an application and an Xt Library layered on top an X-Window system;

means for intercepting an original function call from the graphical interface for a display of a Motif dialog box from the X-Window system;

means for determining whether the Motif dialog box is to be supplanted; and

means for supplanting the Motif dialog box;

wherein the means for supplanting the Motif dialog box includes:

means for modifying at least one parameter in the intercepted function  
call;

means for re-calling the display of the Motif dialog box with the modified  
parameter; and

means for displaying a modified Motif dialog box.

28. (Original) The apparatus of Claim 27, wherein the means for intercepting the function call includes means for calling the interposed function corresponding to an original function.

29. (Original) The apparatus of Claim 28, further comprising means for redirecting an operating system from the original function to the interposed function.

30. (Original) The apparatus of Claim 27, wherein the means for determining whether the Motif dialog box is to be supplanted includes:

means for calling a naming function to identify the Motif dialog box in the intercepted call; and

means for comparing the name returned by the naming function against a plurality of Motif dialog box names that are to be supplanted.

31. (Cancelled)

A 32. (Original) The apparatus of Claim 27, wherein the means for supplanting the Motif dialog box includes:

means for calling a callback function; and

means for suppressing the Motif dialog box.

33. (Original) The apparatus of Claim 32, wherein the means for determining whether the Motif dialog box is to be supplanted includes:

means for calling a naming function to identify the Motif dialog box in the intercepted call; and

means for comparing the name returned by the naming function against a plurality of Motif dialog box names that are to be supplanted.

34. (Cancelled)

35. (Cancelled)



36. (Currently amended) A computing system programmed to supplant a Motif dialog box, the computing system comprising:

an application including:

a graphical interface;

an X-Window system;

an Xt library layered on top the X-Window system, the Xt Library including an original function for calling the Motif dialog box; and

an interposed library interposed between the graphical interface and the Xt library, the interposed library including an interposed function for intercepting the function call for the Motif dialog box, determining whether the Motif dialog box is to be supplanted, and supplanting the Motif dialog box;

wherein supplanting the Motif dialog box includes:

modifying at least one parameter in the intercepted call;

re-calling the display of the Motif dialog box with the modified parameter;

and

displaying a modified Motif dialog box.

37. (Original) The computing system of Claim 36, wherein the computing system comprises a single computing device.

38. (Original) The computing system of Claim 36, wherein the computing system comprises a plurality of computing devices.

39. (Original) The computing system of Claim 38, wherein the application resides on a first one of the plurality of computing devices and at least one of the X-Window system, the Xt library, and the interposed library reside on a second one of the plurality of computing devices.

40. (Original) The computing system of Claim 36, wherein the application is either a Netscape Navigator™ application or an Adobe Acrobat™ reader application.

41. (Original) The computing system of Claim 36, wherein the graphical interface is a Motif graphical interface.

42. (Original) The computing system of Claim 36, wherein the original function is an original *XtManageChild()* function.

43. (Original) The computing system of Claim 36, wherein the interposed function is an interposed *XtManageChild()* function.

44. (Original) The computing system of Claim 36, wherein the computing system further comprises a data store of names of Motif dialog boxes to be supplanted, and wherein determining whether the Motif dialog box is to be supplanted includes:

calling a naming function to identify the Motif dialog box in the intercepted call;  
and

comparing the name returned by the naming function against the Motif dialog box names that are to be supplanted.

45. (Cancelled)

46. (Original) The computing system of Claim 36, wherein supplanting the Motif dialog box includes:

calling a callback function; and  
suppressing the Motif dialog box.

47. (Cancelled)

48. (Currently amended) A computing system programmed to supplant a Motif dialog box, the computing system comprising:

an application including:

a graphical interface;

an X-Window system;

an Xt library layered on top the X-Window system, the Xt Library including an original function for calling a display of a Motif dialog box; and

an interposed library interposed between the graphical interface and the Xt library, the interposed library including means for intercepting the function call for the display of the Motif dialog box, determining whether the Motif dialog box is to be supplanted, and supplanting the Motif dialog box;

wherein the means includes:

means for modifying at least one parameter in the intercepted call;

means for re-calling the display of the Motif dialog box with the modified parameter; and

means for displaying a modified Motif dialog box.

49. (Original) The computing system of Claim 48, wherein the computing system comprises a single computing device.

50. (Original) The computing system of Claim 48, wherein the computing system comprises a plurality of computing devices.

51. (Original) The computing system of Claim 50, wherein the application resides on a first one of the plurality of computing devices and at least one of the X-Window system, the Xt library, and the interposed library reside on a second one of the plurality of computing devices.

52. (Original) The computing system of Claim 48, wherein the application is either a Netscape Navigator™ application or an Adobe Acrobat™ reader application.

53. (Original) The computing system of Claim 48, wherein the graphical interface is a Motif graphical interface.

54. (Original) The computing system of Claim 48, wherein the original function is an original *XtManageChild()* function.

55. (Original) The computing system of Claim 48, wherein the means comprises an interposed *XtManageChild()* function.

56. (Original) The computing system of Claim 48, wherein the computing system further comprises a data store of names of Motif dialog boxes to be supplanted, and the means includes:

means for calling a naming function to identify the Motif dialog box in the intercepted call; and

means for comparing the name returned by the naming function against the Motif dialog box names that are to be supplanted.

57. (Cancelled)

58. (Original) The computing system of Claim 48, wherein means includes:

means for calling a callback function; and

means for suppressing the Motif dialog box.

59. (Cancelled)